

Application No.: 09/974,514

Docket No.: JCLA8093

In The Claims

Please amend claims as follows.

1-7. (canceled)

8. (Currently amended) A recording medium loading apparatus, comprising:

a recording medium transfer mechanism, for transferring an inserted recording medium between an eject position and a loaded position;

a driving device for driving the recording medium transfer mechanism; and

a control device for controlling the driving device, wherein

between the eject position and ~~the loaded~~ a loading start position in front of the insertion direction of the recording medium, the control device performs a control process such that the driving device generates a driving force having a magnitude that the recording medium transfer mechanism is not operated.

9. (Previously presented) The recording medium loading apparatus of claim 8, wherein the recording medium transfer mechanism further comprises:

a holder;

a carrier capable of loading the recording medium and movably supported on the holder, wherein the recording medium is transported between the eject position and the loaded position; and

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a carrier position detection means for detecting a carrier position with respect to the holder, and comprising a switch arranged on the carrier to be turned on/off by an operation and a switch operation member for operating the switch according to a movement of the carrier, wherein the switch operation member performs different operations to the switch at each predetermined detection positions of the carrier.

10. (Previously presented) The recording medium loading apparatus of claim 9, wherein the switch is turned on/off by pressing or releasing the switch, and the switch operation member is constructed by a switch pressing cam unit to press or release the switch according to the carrier position.

11. (Previously presented) The recording medium loading apparatus of claim 10, wherein the switch pressing cam unit comprises a plurality of switch pressing cams and a switch number is the same as the switch pressing cams, and wherein by an on/off combination of the switches, the carrier position is detected.

12. (Previously presented) The recording medium loading apparatus of claim 8, further comprising:

a base with a recording medium driving means for rotationally driving the recording medium;

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a clamper mechanism for clamping the recording medium on the recording medium driving means; and

a recording medium determination means for determining a recording medium type of the inserted recording medium,

wherein when the recording medium type is determined by the recording medium determination means, and after the recording medium transfer mechanism is activated to transfer the recording medium to a proper loaded position corresponding to the determined recording medium type, the control device activates the clamper mechanism to clamp the recording medium on the recording medium driving means.

13. (Currently amended) The recording medium loading apparatus of claim 12, wherein the recording medium transfer ~~means~~ mechanism further comprises:

a holder; and

a carrier capable of recording mediums of different types and movably supported on the holder, wherein the recording medium is transported between the eject position and the loaded position,

wherein the clamper mechanism moves one of the holder and the base to approximate the other one, so as to clamp the recording medium on the recording medium driving means.

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14. (Previously presented) The recording medium loading apparatus of claim 12, wherein the recording medium determination means is constructed to determine whether an inserted disc is a disc-shaped recording medium received within a cartridge or a disc-shaped recording medium without being received within a cartridge.

15. (Previously presented) The recording medium loading apparatus of claim 12, wherein the recording medium determination means is constructed to determine whether an inserted disc is a disc-shaped recording medium with a diameter of 8cm, or a disc-shaped recording medium with a diameter of 12cm.

16. (new) The recording medium loading apparatus of claim 8, wherein the control device controls the driving device to generate the driving force with a magnitude that the recording medium transferring mechanism is operated only by the driving force of the driving device between the loading start position to the loaded position.